



# 2<sup>nd</sup> EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

## AGENDA: DAY 1 (3<sup>rd</sup> June) - VENUE: HOTEL HOLIDAY

**12.00 – 18.00** Registration/Poster set-up/Registration for the field trip and payment

**14:00 – 14:15** Conference opening

Erna Karalija & Anja Haverić

Jianbo Xiao: Introduce IADNS

**14:15 – 16:00 Bioactive compounds and human health**

CHAIRS: Mohamed A. Farag, Jianbo Xiao

**14:15 – 14:45 PL1: Cholesterol-lowering nutraceuticals and functional foods in prevention of heart diseases**

*Zhen-Yu Chen - Food & Nutritional Sciences Programme, School of Life Sciences, The Chinese University of Hong Kong, Shatin, NT, Hong Kong, China*

**14:45 – 15:15 PL2: The effects of dietary bioactive compounds on breast cancer**

*Maurizio Battino, Polytechnic University of Marche, Italy*

**15:15 – 15:40 IL1: the anti-psoriatic potential of natural compounds: focus on phenylethanoids**

*Milen I. Georgiev, Bulgarian Academy of Sciences, Bulgaria*

**15:40 – 16:00 OL1: Marine green algae-derived oligosaccharides and their potential pharmaceutical applications**

*Chao Zhao, College of Marine Sciences, Fujian Agricultural and Forestry University*

**16:00 – 16:30** Coffee break/Poster viewing

**16:30 – 18:25 Bioactive compounds and human health**

CHAIRS: Zhen-Yu Chen, Saida Ibragić

**16:30 – 17:00 PL3: Plant extracts and their bioactive compounds against gastrointestinal discomfort**

*Maria Daglia, University of Naples Federico II, Italy*

**17:00 – 17:25 IL2: Strategies for promoting the bioaccessibility/bioavailability of polyphenols in plant-based foods**

*Esra Çapanoğlu, Istanbul Technical University, Turkey*

**17:25 – 17:45 OL2: The role of phytochemicals in the prevention of DNA damage**

*Nurşen Başaran, Başkent University, Faculty of Pharmacy, Department of Pharmaceutical Toxicology, Ankara, Türkiye*

**17:45 – 18:05 OL3: A flavonoid-rich extract of *Citrus bergamia* juice induces terminal differentiation in an *in vitro* model of acute myeloid leukaemia**

*Caterina Russo, University of Messina, Italy*

**18:05 – 18:25 OL4: Strategies to manipulate emission of volatile organic compounds**

*Pan Liao, Department of Biology, Hong Kong Baptist University, Hong Kong, China*

**19:00 – 20:00** Welcome cocktail and snacks (Hotel Holiday)



# 2<sup>nd</sup> EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

## AGENDA: DAY 2 (04<sup>th</sup> June) - VENUE: HOTEL HOLIDAY

**9:30– 16:00 Bioactive compounds and human health**

**CHAIRS:** Maria Daglia, Chao Zhao

**09:30 – 09:55 IL3: Antioxidant and antiproliferative activity of plant bioactive compounds during *in vitro* simulated digestion in the presence of food matrix**

*Jelena Samardžić*, Institute of Molecular Genetics and Genetic Engineering, University of Belgrade, Serbia

**09:55 – 10:15 OL5: Beneficial effects of antioxidant phytochemicals in diabetes mellitus**

*Ahmet Başaran*, Başkent University, Faculty of Pharmacy, Ankara, Türkiye

**10:15 – 10:35 OL6: MAPKs and NF-κB inhibition are involved in the neuroprotective effects of a cinnamon/curcumin/turmeric spice blend in an *in vitro* model of Alzheimer's disease"**

*Alessandro Maugeri*, University of Messina, Italy

**10:35 – 10:55 OL7: role of STP-60a in delaying senescence and signalling pathways regulating longevity in the nematode *hidradenitis elegans***

*Weihong Lu* - School of Medicine and Health, Harbin Institute of Technology, Harbin; National and Local Joint Engineering Laboratory for Synthesis, Transformation and Separation of Extreme Environmental Nutrients, Harbin, China

**10:55 – 11:30 Coffee break/Poster viewing**

**11:30 -13:10 Farm to fork**

**CHAIRS:** Maurizio Battino, Jelena Popović-Djordjević

**11:30 -12:00 PL4: Seed priming as a sustainable approach for climate-smart crops**

*Vasileios Fotopoulos*, Cyprus University of Technology, Cyprus

**12:00 - 12:25 IL4: A bite for the healthy Planet - a bottom line for a climate-friendly society!**

*Aleksandra Nikolić*, Faculty of Agriculture and Food Science, University of Sarajevo

**12:25 – 12:50 IL 5: Aroma profile and sensory characteristics of vermouth**

*Jelena Popović-Djordjević*, University of Belgrade, Faculty of Agriculture, Serbia

**12:50 – 13:10 OL8: Wiley's Food Science Journals and the Open Access Landscape**

*Yanli Gao*, Senior Publisher, Wiley

**13:10 – 14:30 – Lunch**

**14:30 -16:50 Farm to fork & Analytical methods and biotechnology in phytomedicine**

**CHAIRS:** Milen I. Georgiev, Aleksandra Nikolić

**14:30- 14:55 OL9: Celery soluble dietary fibre antagonize flavonoids ameliorative effect on dextran-sodium-sulfate-induced colitis in mice**

*Hui Wang*, Guangdong Ocean University, China



# 2<sup>nd</sup> EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

AGENDA: DAY 2 (04th June) - VENUE: HOTEL HOLIDAY - CONTINUATION

---

**14:55 – 15:20 IL7: Threats and opportunities of cannabis**

*Petr Tarkowski, Centre of the Region Haná for Biotechnological and Agricultural Research, Department of Genetic Resources for Vegetables, Medicinal and Special Plants, Crop Research Institute, Olomouc, Czech Republic/ Czech Advanced Technology and Research Institute, Palacky University, Czech Republic*

---

**15:20 – 15:40 IL8: An overview of hyphenated mass spectrometry techniques implemented in crop quality assessment**

*Sanja Ćavar Zeljković, Centre of the Region Haná for Biotechnological and Agricultural Research, Department of Genetic Resources for Vegetables, Medicinal and Special Plants, Crop Research Institute, Olomouc, Czech Republic/ Czech Advanced Technology and Research Institute, Palacky University, Czech Republic*

---

**15:40-16:00 OL10: Exploring the Mechanisms of Action of Active Constituents in Schisandrae Fructus for the Management of Diabetic Cardiomyopathy**

*Dr. Jihang Chen, School of Medicine, The Chinese University of Hong Kong, Shenzhen, China*

**16:00 -16:30 –GROUP PHOTO/Poster viewing – voting**

**16:30 – 18:00          Workshop Metabolomics**

**Advanced MS-based metabolomics applications in medicine & pharmacy**

*Mohamed A. Farag, Cairo University, Department of Pharmacognosy*

**20:00                    GALA DINER (Registration needed – ask at registration desk)**





# 2<sup>nd</sup> EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

## 05.06. DAY 3 VENUE: Faculty of Science

**11:00 -12:30 Natural resources of bioactive compounds (Erna Karalija)**

**11:00 -11:25 IL10: *New insights into ginkgo biflavonoids a century after their initial discovery***  
*Dunja Šamec, University North, Croatia*

**11:25 – 11:50 IL11: *Unveiling nature's allies: invasive plants as sources of phytopharmaceuticals***  
*Danijela Pohulja, Institute of Agriculture and Tourism, Poreč, Croatia*

### Short talks - Competition

**CHAIR: Esra Çapanoğlu**

**11:50 – 12:1:00 SL1: *Marija Nazlić* - , University of Split, Croatia**

**12:00 – 12:10 SL2: *Dženeta Fazlić* - University of Sarajevo, Bosnia and Herzegovina**

**12:10 – 12:20 SL3: *Elena Rafailovska* - Ss. Cyril and Methodius University; R. North Macedonia**

**12:20 – 12:30 SL4: *Iva, Jurčević Šangut*, University North, Croatia**

**12:30 – 12:40 SL5: *Ivana Vrca* - University of Split, Croatia**

**12:40 – 12:50 SL6: *Miriam Negussu* – university of Florence, Italy**

**12:50 -14:00 Natural resources of bioactive compounds**

**CHAIRS: Dunja Šamec; Sanja Čavar Zeljković**

**12:50 -13:15 OL10: *Polygonatum sibiricum* saponin-lactic acid bacteria combination attenuate hyperglycemia in T2DM mice by modulating amino acid metabolism**

*Yihong Bao - College of life science, Northeast Forestry University, Harbin; Key Laboratory of Forest Food Resources Utilization of Heilongjiang Province, Harbin, China*

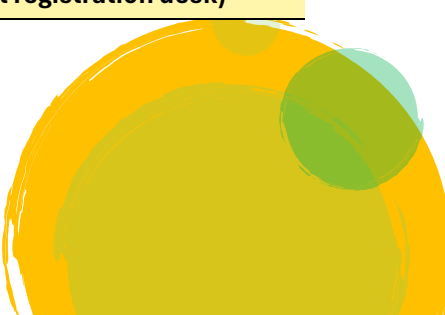
**13:15 – 13: 40 - OL11: *Formation of nitrogenous flavonoid derivatives by reacting with amino acids in DMEM medium***

*Jianbo Xiao, University of Vigo, Spain*

**13:40 – 14:00 – Closing remarks – Announcement of winners for Poster and short talk competition**

**14:00 – 15:30 – Networking and light lunch**

**15:30 – Walking tour (Starting from the venue -Faculty of Science) (please register at registration desk)**





# 2<sup>nd</sup> EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

**06.06. DAY 4 – FIELD TRIP**  
**VENUE: Natural Museum of Sarajevo**  
**(across the street from hotel Holiday)**

---

**8:00 -8:15 Gathering of participants**

Mostar visit (UNESCO heritage – old bridge)

Buna Spring visit (the biggest freshwater spring in Europe)

Return to Sarajevo in late evening (approx. 20.00h)

